

BELZONA SEALS LEAKING WELD ON STORAGE TANK

ID: 4697

Industry: Chemical & Petrochemical

Customer Location: Chemical & Additive manufacturer,
Essex, UK

Application: TCC-Tanks and Chemical Containment
Areas

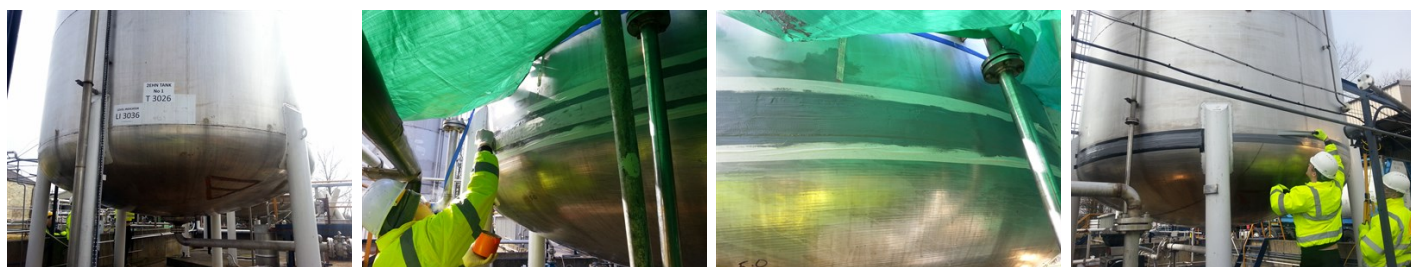
Application Date: March 2013

Substrate: High grade stainless steel

Products: * Belzona 4301 (Magma CR1 High Build) ,

Problem

The aggressive nature of additives held within the tank had caused leaks to appear along the welded seam around the base. Due to the high cost and high demand of the additives a lengthy shutdown for repairs was not an option.



Photograph Descriptions

* 1. Leaking tank 2. First layer of Belzona 9341 (Reinforcement Tape) being laid over the Belzona 4301 3. Three coats of 4301 and two layers of 9341 were applied 4. Finished application being unmasked ,

Application Situation

Chemical storage tank

Application Method

Application was carried out in accordance with a modified version of Belzona Know-How System Leaflet TCC-1.

Belzona Facts

Conventional repairs would have involved either removal and repair off-site or replacement. These methods were considered too expensive and requiring too much downtime. The Belzona repair was carried out in situ, without hotworks and was completed in only one day. The completed application was post-cured using halogen lamps to speed up cure times and improve chemical resistance.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

Belzona products are
manufactured under an ISO
9000 Registered Quality
Management System.

www.belzona.com

**BELZONA**
Repair • Protect • Improve